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COMPLETE SPECIFICATION.

Means for Producing Physiological and Medicinal Effects upon Men, Animals, and Plants, applicable also for Accelerating the Crystallization of Substances and the Maturing of Wine.

A communication from OSKAR KORSCHULT, of 70, Südstrasse, Leipzig, Saxony, German Empire, Chemist.

I, ALFRED JULIUS BOULT of 323 High Holborn in the County of Middlesex, M.I.M.E., do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

5 The invention described by the following concerns a new process or method and apparatus for making profit of the *vis viva* of the ether. The electro-dynamical theory of William Weber about the nature of the smallest particles leads to the result that the ether being identical with the electrical particles of Weber rotates around all solid bodies within a certain distance from them, this being effected
10 by the attraction of the free positive ether-particles from the part of the negative ether-particles in the molecules of the solid bodies. By a corresponding arrangement of suitable solid bodies it cannot but be possible to condense and to direct the ether moving irregularly. Such arrangements are made in the apparatus to be described.

15 These apparatus are constructed after the same principles and their effects are almost the same; they may all be employed for purposes when an augmentation of the *vis viva* of the ether is intended. The distinction of these apparatus after their especial application is only a practical one and caused by the form of the objects to be acted upon.

20 In order to increase the effect of the apparatus, an electric current may be led through them. As an electric current consists of free positive and negative ether-particles which tend to unite themselves, the number of free negative ether-particles in the wires of the apparatus is enlarged together with the diameter of the ether-whirl and the number of the positive ether-particles flung away by
25 the apparatus.

In the accompanying drawings

Figs. 1—3 show an apparatus used to influence upon the vegetation of plants, Fig. 3 is a link of the column.

Figs. 4—5 show a tube used to accelerate the maturity of spirituous beverages.

30 Fig. 6 is an apparatus used to accelerate crystallization.

Figs. 7—12 show discs for medicinal purposes and its application upon men.

In all these apparatus there are wires bent to spirals or in other manner which induce the ether-particles entering into the sphere of attraction of the wires to rotate round them and to accumulate on certain points, a certain quantity of
35 *vis viva* being thus deposited on these points.

The simplest case is represented by Fig. 6, a wire being wound on a cylinder or truncated cone. A body in the interior of the spiral is surrounded by the ether-whirls which rotate around the wires and moreover penetrated in straight line by the ether-particles flung away by the whirls. It is easily to be seen that this will
40 take place more frequently towards the interior of the spiral than outward and most frequently when the pitch of the spiral is smaller than the diameter of the sphere of activity of the wires. The end planes of the cylinder may also be provided with spiral wires, the object to be acted upon being then surrounded by spiral wires from all sides.

45 By such an arrangement the crystallization of salts for instance may considerably be accelerated. The crystallizing in this case does not begin from the inner side

Boulton's Means for Producing Physiological and Medicinal Effects upon Men, &c.

of the vessel, as commonly, but from the middle which fact sufficiently verifies the explication aforesaid, the centre of the condensation sphere being situated within the axis of the cylinder.

The arrangement Figs. 4—5 shows two spirals rolled in opposite directions upon a bottle or a tube. The effect is quite the same as in Fig. 6. A bottle of wine being put into such a tube, the wine will mature within a few months, whilst in other cases years are necessary for this purpose.

The column A, Fig. 1, consists of a massive core *a* in combination with many links *b*, Fig. 3, filed upon it. Between these links *b* goes a wire *c* of copper or other material forming a spiral or other curve. The whirls produced on the free ends of the links *b* by the effect of the spiral *d* the core *a* and the links themselves are emitted outward, and influence the vegetation of plants standing around.

A simpler construction consists of two strong wires with numerous wire-pieces squeezed between them. The strong wires are then exposed to a torsion strain the whole receiving by this means the form of a screw-stairs. A copper spiral is put in in the same manner as in Fig. 1.

The apparatus Figs. 7—12 have the form of discs. Both sides of the disc are covered with a spiral, the ends of both wires being connected through the middle. The ether-particles will accumulate then in the middle and will be flung in a vertical direction. In order to increase the extent of the whirl on the wires there may be employed a chain of spiral-links (Fig. 10) instead of a single wire.

The arrangement Fig. 12 shows the wire in the form of a star. In this case the ether parts will accumulate on the place where the points approach, that is in the middle of the disc. Consequently the parts are emitted in the same manner as in Fig. 10.

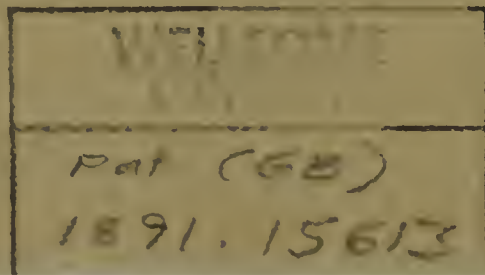
By means of these discs physiological and medicinal effects may be produced upon men, animals and plants.

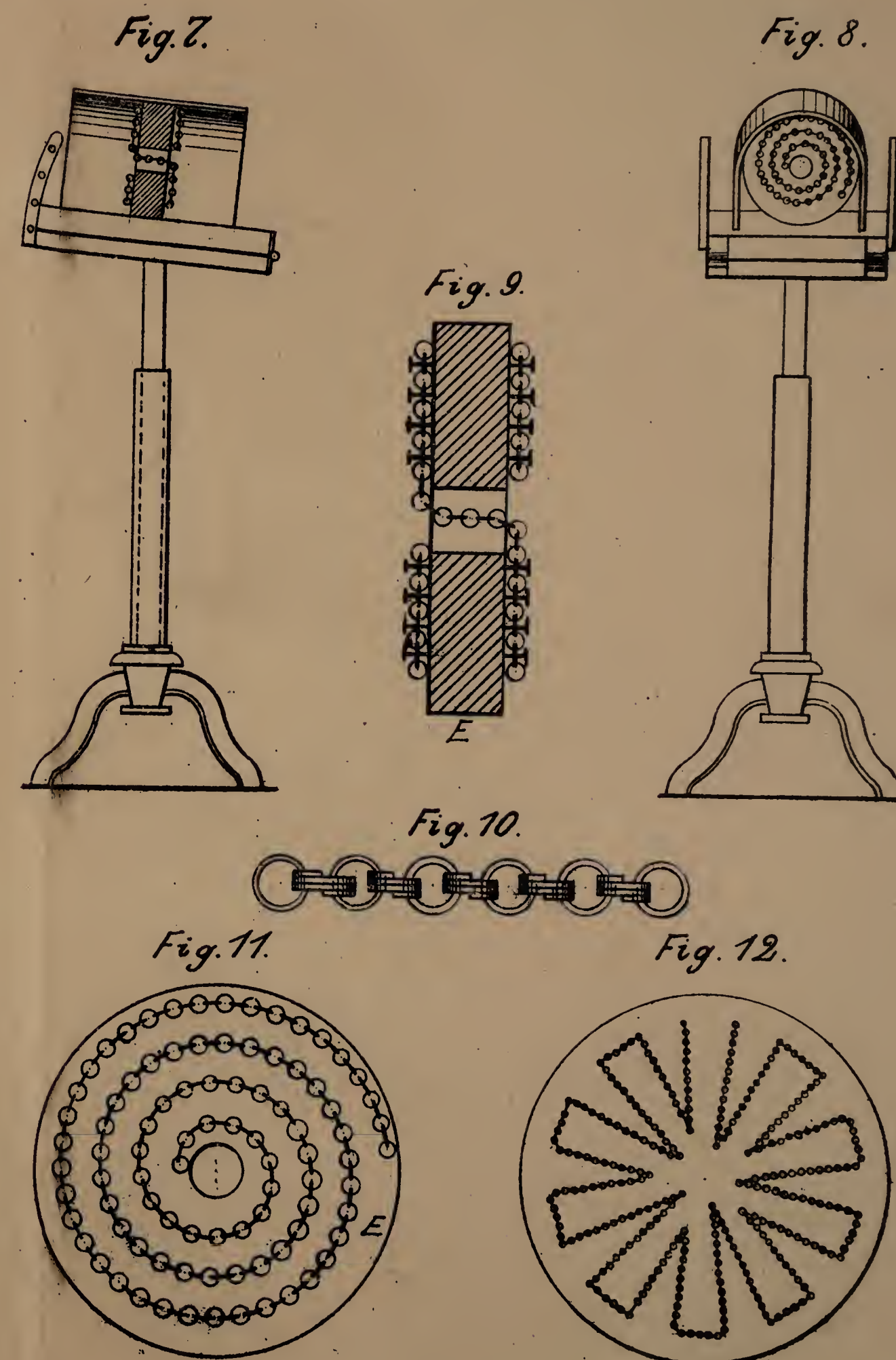
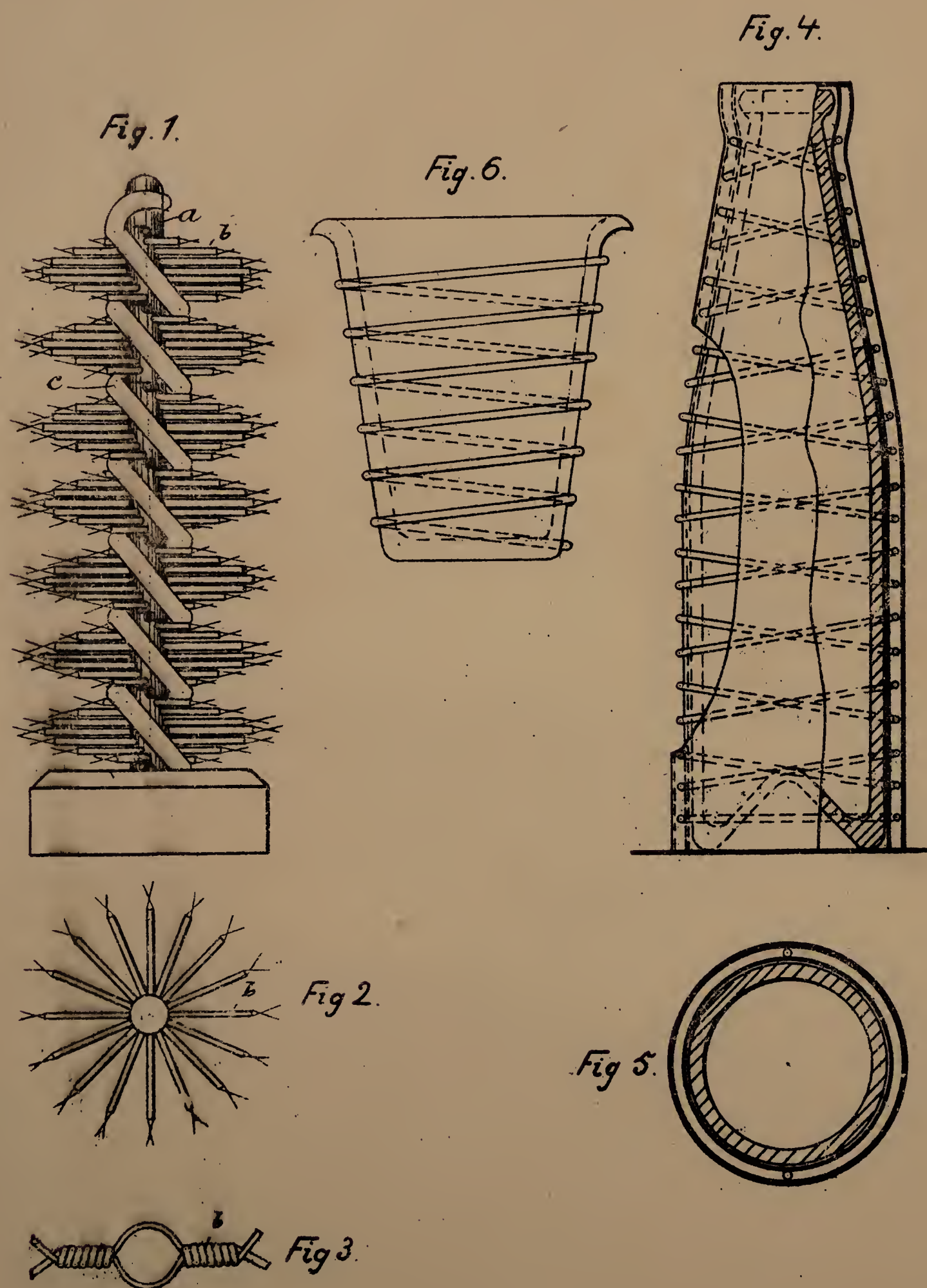
Having now particularly described and ascertained the nature of the said invention, as communicated to me by my foreign correspondent, and in what manner the same is to be performed, I declare that what I claim is;—

1. The process of utilizing the *vis viva* of the ether by producing spheres of condensation of the ether on suitable solid bodies as wires, pierced discs and the like through which may be led electric currents.
2. A wire spiral, simple or composed, round bottles and other vessels for the purpose of accelerating according to the process mentioned above, physical, chemical and physiological proceedings as crystallization, maturing of wine and the like.
3. A column with a massive core *a*, a spiral *d* and many links *b* for the purpose of influencing the vegetation of plants and similar proceedings after the process mentioned above.
4. Discs with wires or spiral chains fixed upon them in the form of spirals or stars for similar purposes as the apparatus mentioned above especially for producing physiological and medicinal effects upon men, animals and plants.

Dated this 15th day of September 1891.

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Agents for the Applicant.





[This Drawing is a reproduction of the Original on a reduced scale]

